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4 May 1966

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REFERENCE:

PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION

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SAM SITE E33-1, MOSCOW, USSR

1. SIGNIFICANCE:

INITIAL IDENTIFICATION OF 8 PROBABLE ABM LAUNCH POSITIONS UNDER CONSTRUCTION AROUND THE ASSOCIATED ELECTRONICS FACILITY (TRIAD 1) AT MOSCOW SAM SITE E33-1, AND IDENTIFICATION OF A PROBABLE

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2. REMARKS:

ELECTRONICS FACILITIES (TRIADS) HAVE BEEN IDENTIFIED AT FOUR OTHER MOSCOW SAM SITES, EO5-1, E15-1, E24-1, AND E31-1. SIMILAR FACILITIES HAVE BEEN OBSERVED AT INSTRUMENTATION SITES 2 AND 10, "SITE 13", AND LAUNCH COMPLEX "B" AT THE SARY-SHAGAN ANTIMISSILE TEST CENTER. ALTHOUGH CONSTRUCTION ACTIVITY AT THE LAUNCH POSITIONS HAS BEEN OBSERVED FOR SOME TIME, THIS MISSION PROVIDES THE FIRST PROBABLE ABM ASSOCIATION AND THE FIRST IDENTIFICATION OF

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GROUP 1
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3. LOCATION: 45 NM NORTHWEST OF MOSCOW ON THE NORTH END OF SAM SITE E33-1.

4. COLLATERAL/COMINT: CONTINUOUS ATTACHE GROUND PHOTO COVERAGE HAS REVEALED THE CONSTRUCTION PROGRESS OF TRIAD 1.

5. FIRST IDENTIFICATION: [REDACTED] PROVIDED THE FIRST SATELLITE PHOTOGRAPHY OF MOSCOW SAM SITE E33-1. THIS MISSION PERMITS THE FIRST ASSOCIATION OF PART OF THE FACILITIES WITH ABM DEPLOYMENT.

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6. NEGATION DATE: T-SHAPED BUILDINGS: A T-SHAPED GROUND PATTERN WAS FIRST IDENTIFIED ON [REDACTED]

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7. SUBSEQUENT COVERAGE: MOSCOW SAM SITE E33-1: 25 KH-4 AND ONE KH-7 MISSION.

8. DIMENSIONS/SPECIFICATIONS: TRIAD 1:

DOME AT BUILDING "A": 110 FT (MAXIMUM DIAMETER)

DOME AT BUILDING "B" & "C": [REDACTED] (MAXIMUM DIAMETER).

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TRIAD 2:

BUILDING "A": 120 FT X 155 FT

BUILDINGS "B" & "C": 95 FT X 105 FT

THE DIAMETER OF THE TWO RINGS LYING ON THE
GROUND NEAR TRIAD BUILDING "A" IS APPROXIMATELY



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GUILD MISSILES: FIRST GENERATION SAM, DEPLOYED
AT THE MOSCOW SA-1 SITES.

T-SHAPED BUILDINGS:

OVERALL LENGTH: 320 FT

DRIVE-THROUGH BUILDING : 40 FT LONG

9. MISSION READOUT: CONSTRUCTION ACTIVITY IS OBSERVED AT TRIAD 1, BELIEVED TO BE FOR PROBABLE ABM LAUNCH POSITIONS. THE PLACEMENT OF THE PROBABLE LAUNCH POSITIONS APPEARS SIMILAR AROUND TRIAD BUILDINGS "B" AND "C". THERE ARE 2 PROBABLE LAUNCH POSITIONS ON THE ACCESS ROAD NORTH OF THE SMALL TRIAD BUILDING AND 2 ON THE ACCESS ROAD SOUTH OF THE BUILDING. THE MINIMUM AVERAGE DISTANCE FROM THE SMALL TRIAD BUILDINGS IS APPROXIMATELY 180 FT ON THE NORTH AND 275 FT ON THE SOUTH. ON THE NORTH ACCESS ROAD THE LAUNCH POSITIONS HAVE A LATERAL SEPARATION DISTANCE OF APPROXIMATELY 345 FT AT TRIAD

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BUILDING "B" AND 365 FT AT TRIAD BUILDING "C".

WORK ON THE LAUNCH POSITIONS THEMSELVES APPEARS TO BE ONLY IN THE FOUNDATION PREPARATION STAGE. RING-LIKE OBJECTS ARE OBSERVED AT THE 2 LAUNCH POSITIONS ON THE SOUTH ACCESS ROAD AT TRIAD BUILDING "B". IT IS POSSIBLE THAT SIMILAR ACTIVITY IS UNDERWAY ON THE ACCESS ROAD NORTH OF TRIAD BUILDING "C" AT TRIAD 2, ALTHOUGH ONLY GRADING IS APPARENT AT THIS TIME.

AT TRIAD 1, THE ENVIRONMENTAL SHELTER APPEARS EXTERNALLY COMPLETE WITH THE CAPPING SECTION IN PLACE. IN ADDITION, THE RAIL-MOUNTED GANTRY CRANE HAS BEEN REMOVED. THE SMALL TRIAD BUILDINGS APPEAR COMPLETE AND NO CHANGE IS DISCERNIBLE.

AT TRIAD 2, RING STRUCTURES ARE PRESENT ON THE ROOFS OF ALL THREE BUILDINGS. AT TRIAD BUILDING "A", THE RING SURROUNDING THE PEDESTAL MOUNT IS 90 FT IN DIAMETER, AND 60 FT IN DIAMETER ON TRIAD BUILDINGS "B" AND "C". TWO WING-TYPE STRUCTURES, NOT PREVIOUSLY OBSERVED IN TRIAD CONSTRUCTION, ARE LOCATED AT THE REAR CORNERS OF TRIAD BUILDINGS "A", PROJECTING BEHIND AND PARALLEL TO THE BUILDING. TWO RINGS, WITH AN OUTSIDE DIAMETER OF APPROXIMATELY [REDACTED] ARE LYING ON THE GROUND NEAR TRIAD BUILDING "A".

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NINE PROBABLE GUILD MISSILES ARE OBSERVED SOUTH OF THE PROBABLE ABM LAUNCH COMPLEX AT SAM SITE E33-1.

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PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION

SAM SITE E33-1, MOSCOW, USSR

56-20N 36-48E

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25X1



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PROB GUILD MISSILE
LAUNCH POSITION U/C

50% ENLARGEMENT

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